pa1030: Box multiplication of linear binomials (v5)
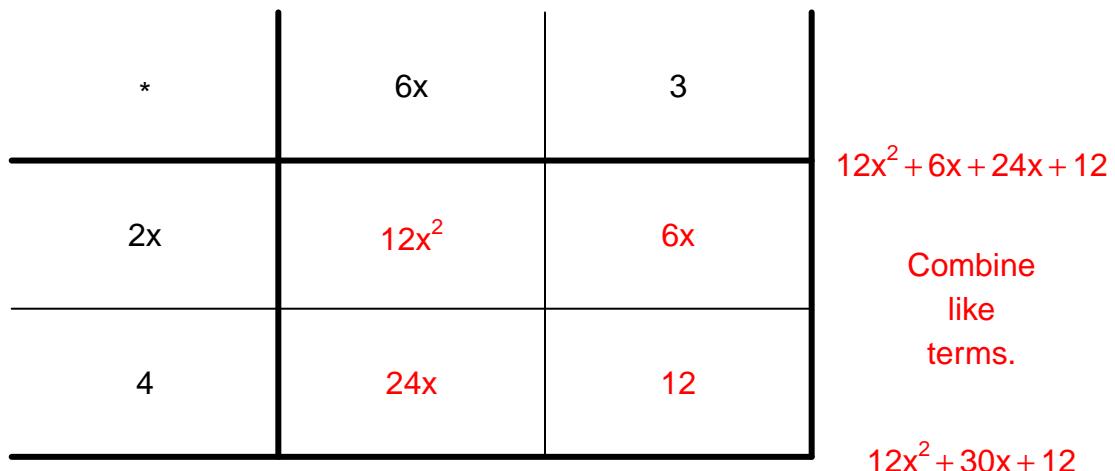
Example

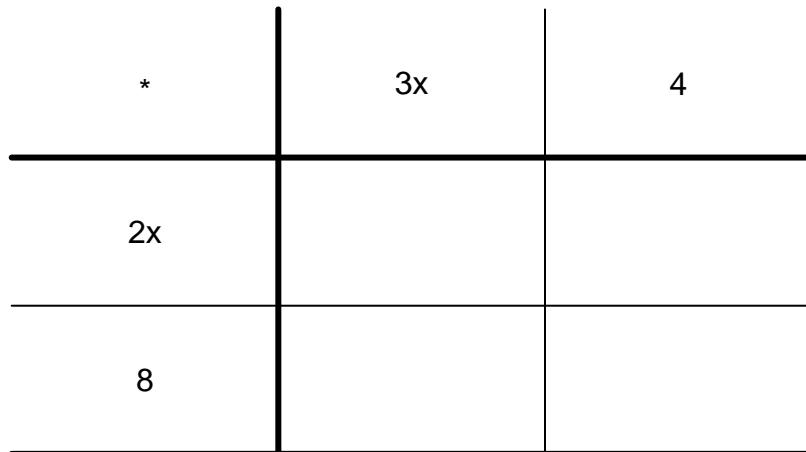Use the box method to multiply $(6x + 3)$ and $(2x + 4)$.

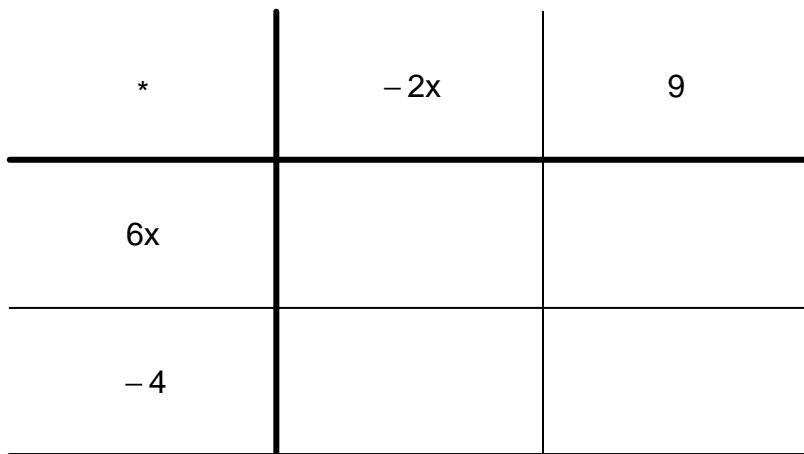| *	6x	3
2x	$12x^2$	6x
4	24x	12

$12x^2 + 6x + 24x + 12$

Combine like terms.

$12x^2 + 30x + 12$

ANSWER: $12x^2 + 30x + 12$

Question 1

Use the box method to multiply $(3x + 4)$ and $(2x + 8)$.

*	3x	4
2x		
8		

ANSWER:

Question 2
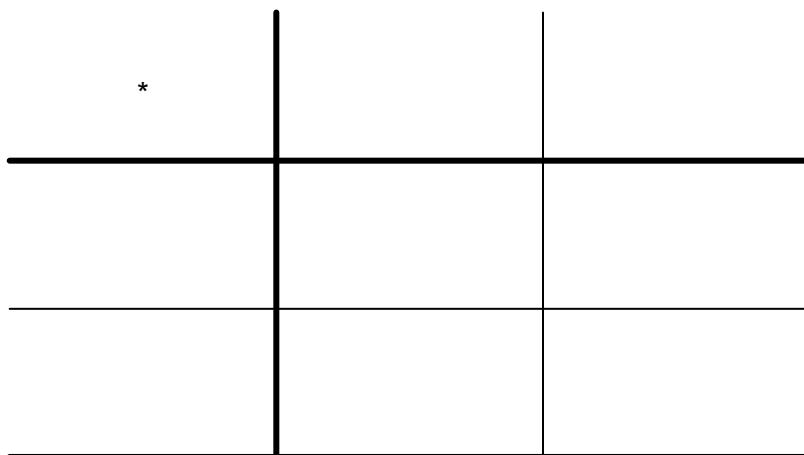
Use the box method to multiply $(-2x + 9)$ and $(6x - 4)$.

*	− 2x	9
6x		
− 4		

ANSWER:

Question 3

Use the box method to multiply $(6x - 5)$ and $(-3x + 9)$.

*		

ANSWER: